



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, May 11, 2015

Issued: 0800 CT

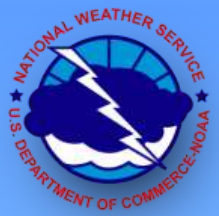
Day 1 Hazards: Slight risk of severe storms over E & S AR, much of LA and much of central/east/south Texas. Flash flooding possible for central/southeast/south Texas.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- Slight Risk of severe thunderstorms shifts south and eastward to over east & southern AR, much of LA, and most of central/east/southern TX
 - Large hail and damaging winds will be the main threats
- Heavy rainfall possible over central/southeast/south TX; 2 to 4 inches of rainfall (with locally higher amounts) could produce flash flooding in some locations

Tuesday

- Slight Risk of severe storms is confined to S TX
- Heavy rainfall/flash flooding threat continues for central and south TX; another 1-2 inches of rainfall with locally higher amounts possible across this area

Wednesday - Friday

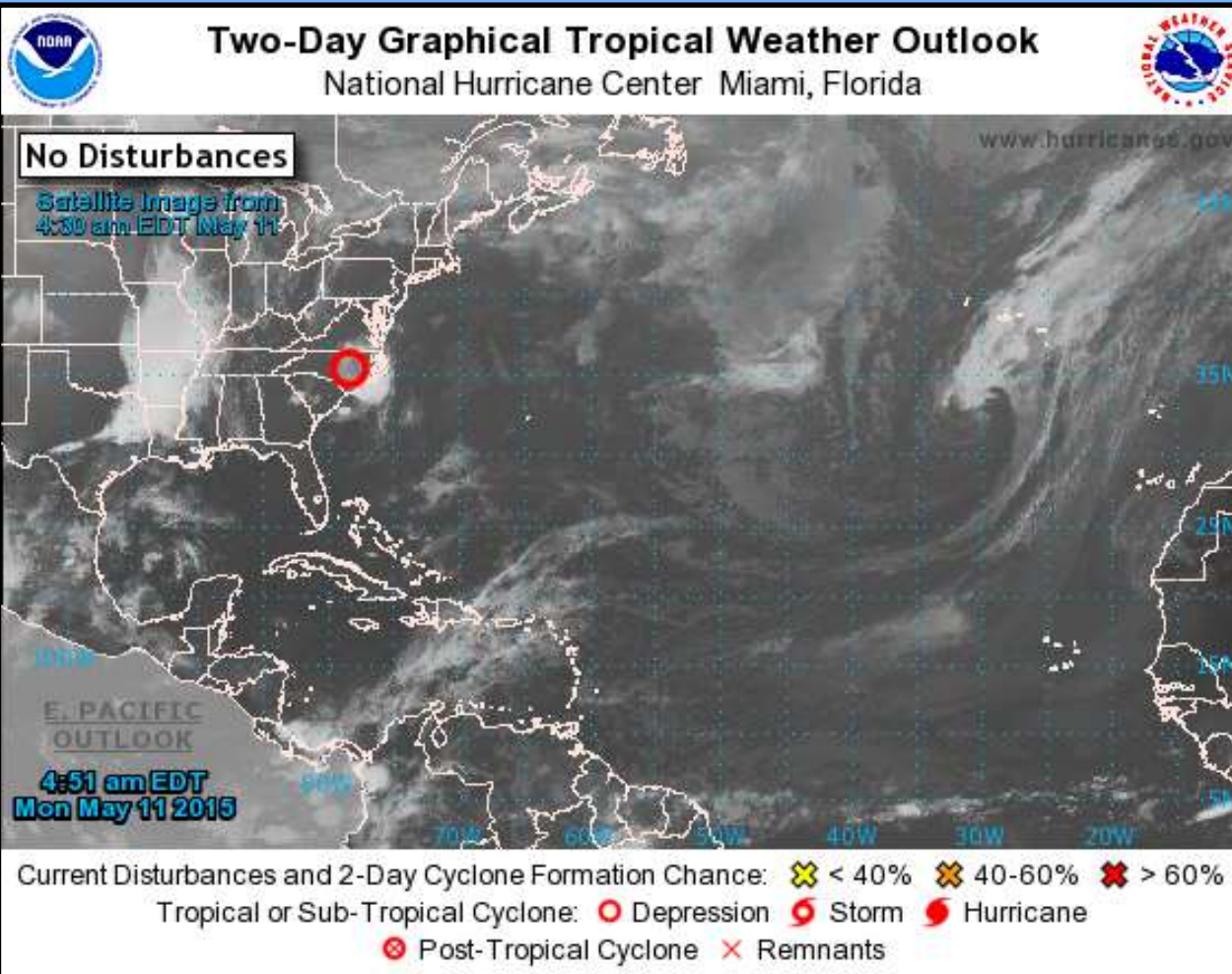
- Heavy rainfall potential continues through at least Thursday over north/central/south Texas ; an additional 1-2 inches (with locally higher amounts) possible during this period which could lead to additional flash flooding and river flooding concerns
 - Moderate or greater river flooding is possible across east-central Texas generally along and east of the I-35 corridor

Tropical Weather Outlook

No impacts from Tropical Depression Ana are expected for FEMA Region VI

Tropical Depression Ana continues to weaken slowly as the center of circulations moves farther inland across central North Carolina






- No Tropical Watches/Warnings in effect.
- Remnants of Ana expected to skirt the coast of Northern Mid-Atlantic Monday night before being absorbed by a cold front on Tuesday.



*FEMA Region 6 Threat Matrix

May 11, 2015 - May 15, 2015

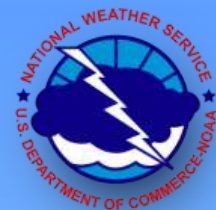
DAY/ THREAT	MON	TUE	WED	THU	FRI
Severe Storms	S & E AR, LA, Central/East/South TX	S TX			
Heavy Rain /Flooding	Central/Southeast/ South TX	Central/South TX	North/Cntrl/S TX	NE TX into Central TX	
Fire					
Heat					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



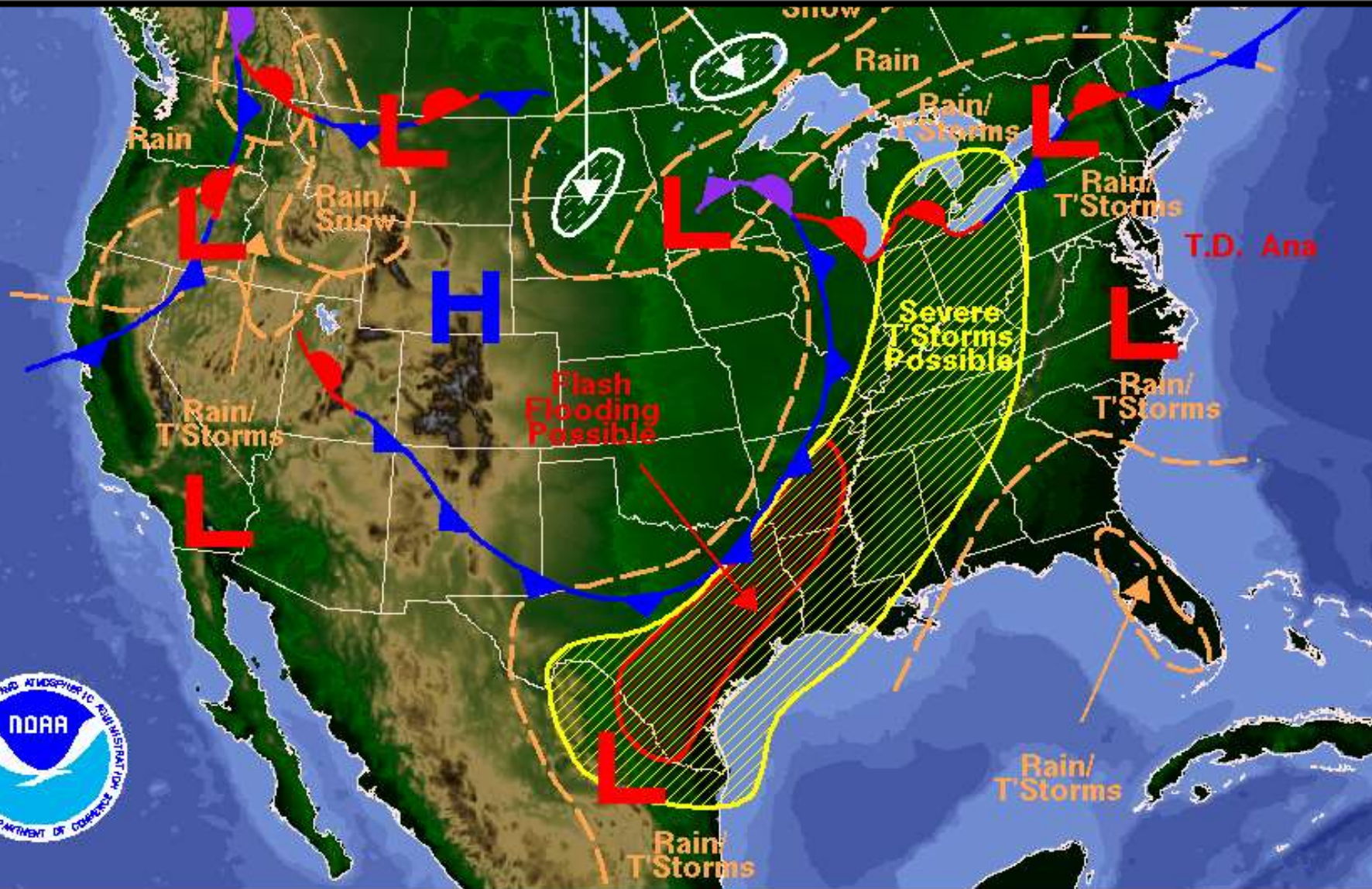
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



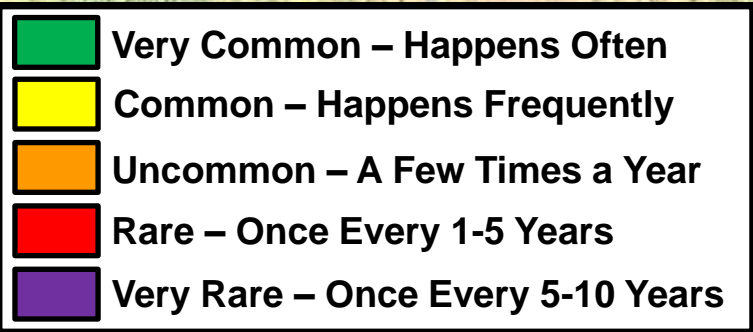
Weather Forecast for Mon, May 11, 2015, issued 2:53 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Hamrick based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Mon - 0800 Tue



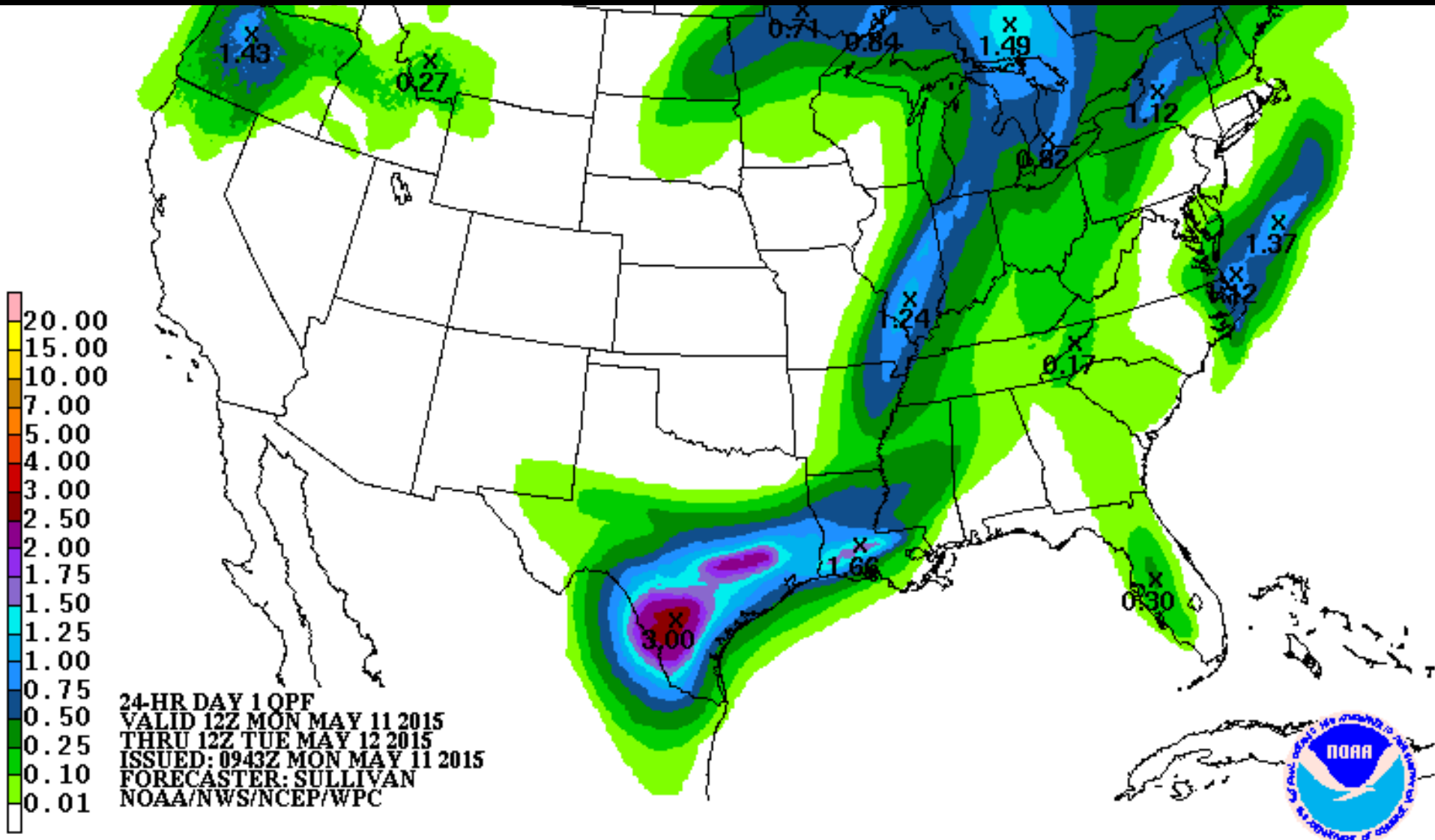
**Slight risk of severe storms; large hail and
damaging winds will be the main threats
Heavy rain and flash flooding possible
over central/southeast/south Texas**



***Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.**

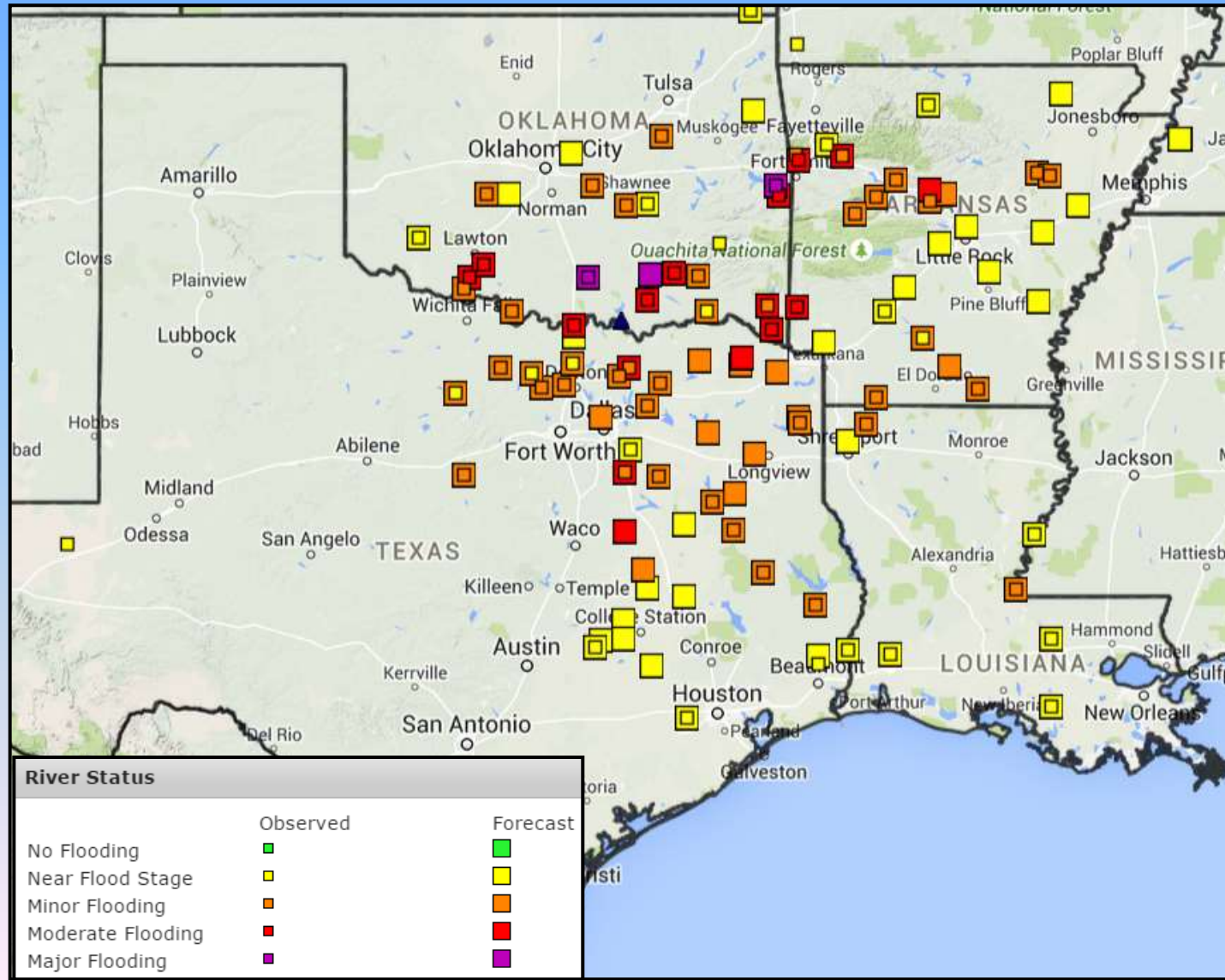
Today's Precipitation

Mon AM - Tue AM



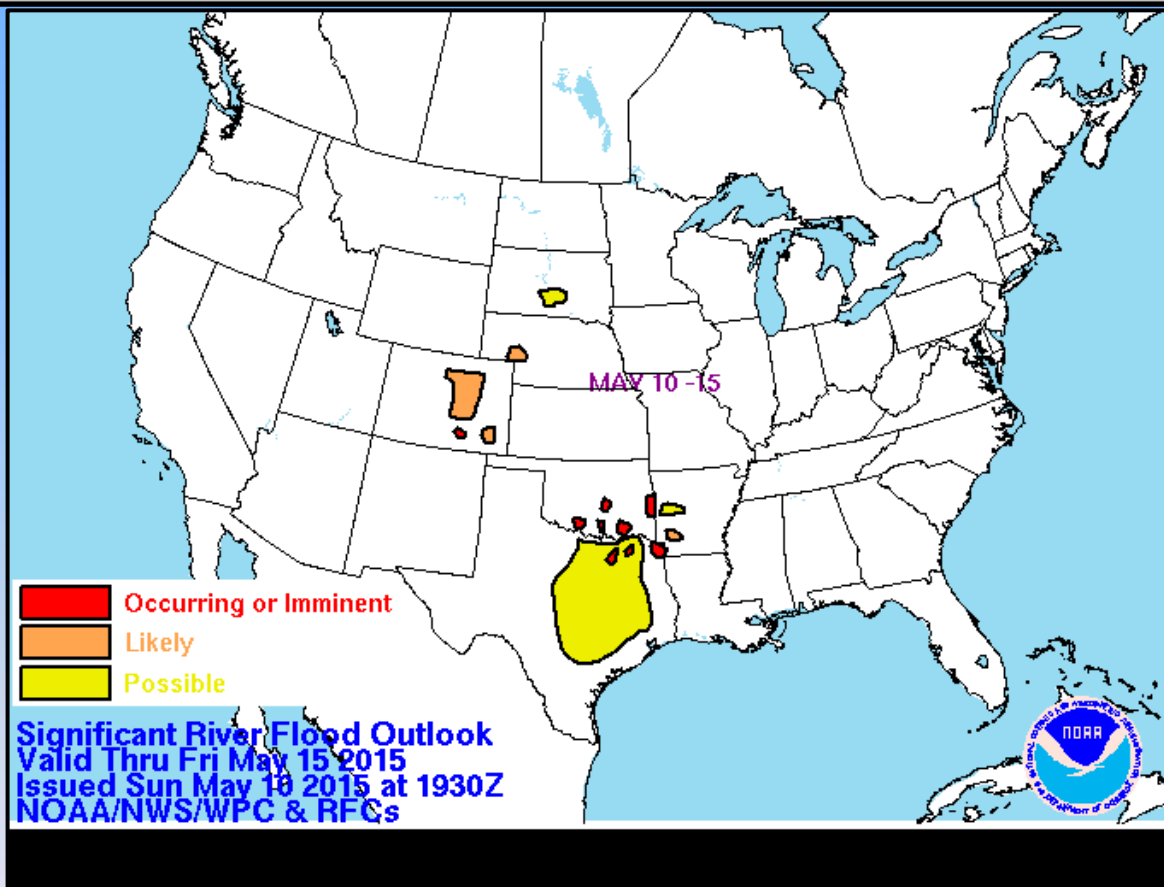
Current River Status / Near Term Forecast

Several river points in Oklahoma are in moderate to major flood stage; points in north and east Texas and areas in Arkansas are in minor to moderate flood stage.



River Flood Outlook

River flooding is possible across much of east-central and north-central Texas this week. River flooding is occurring or likely through at least today and for some areas throughout the week over S and E OK, SW AR and N-Central TX.



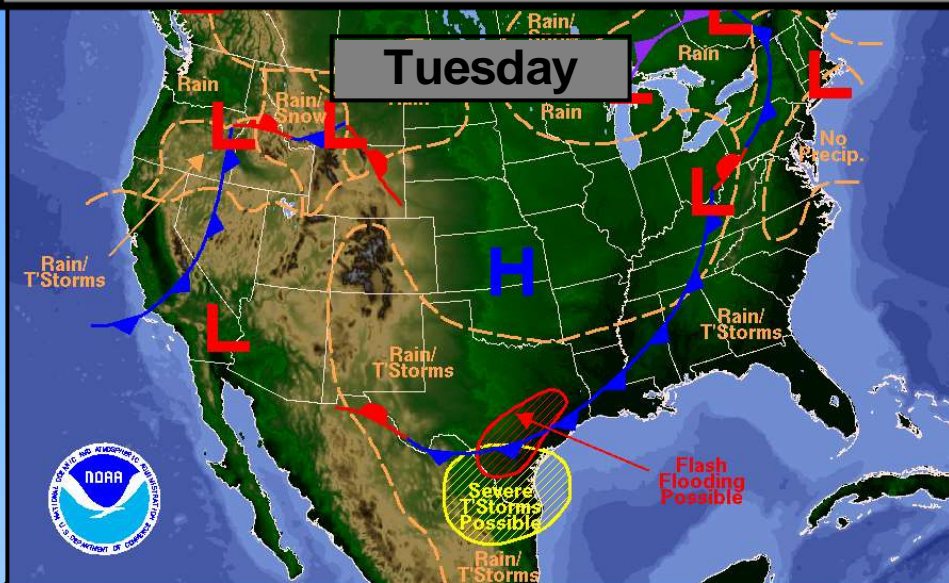
Detailed River Flood Outlooks can be found here:

<http://www.srh.noaa.gov/wgrfc/?n=wgrfcfop>

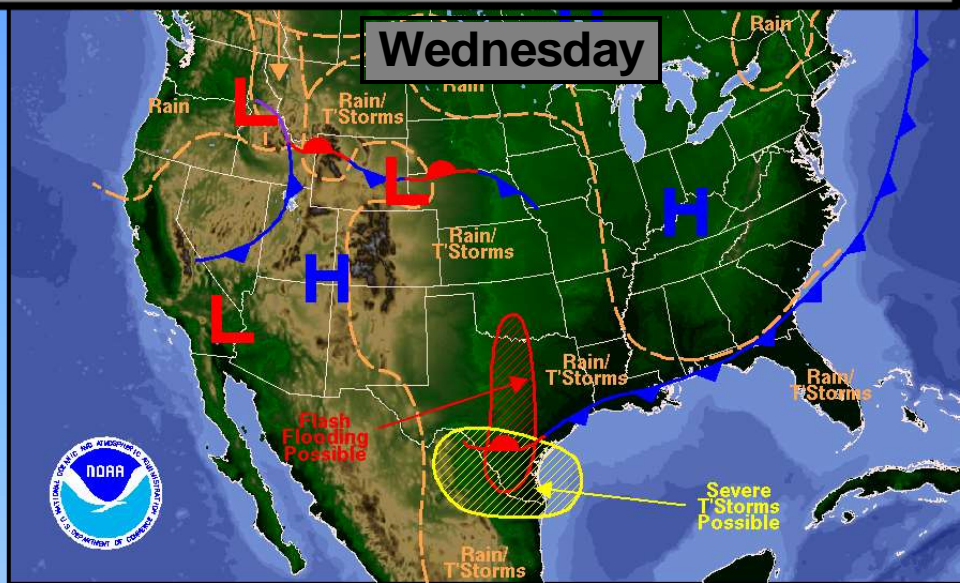
<http://www.srh.noaa.gov/abrfc/?n=abrfcfop>

<http://www.srh.noaa.gov/lmrfc/?n=fop>

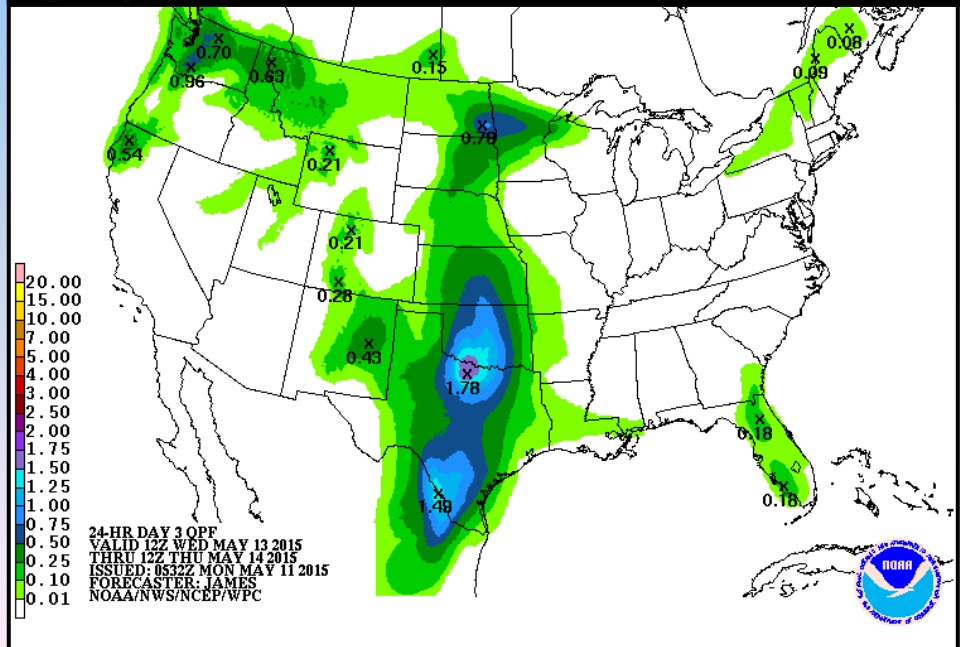
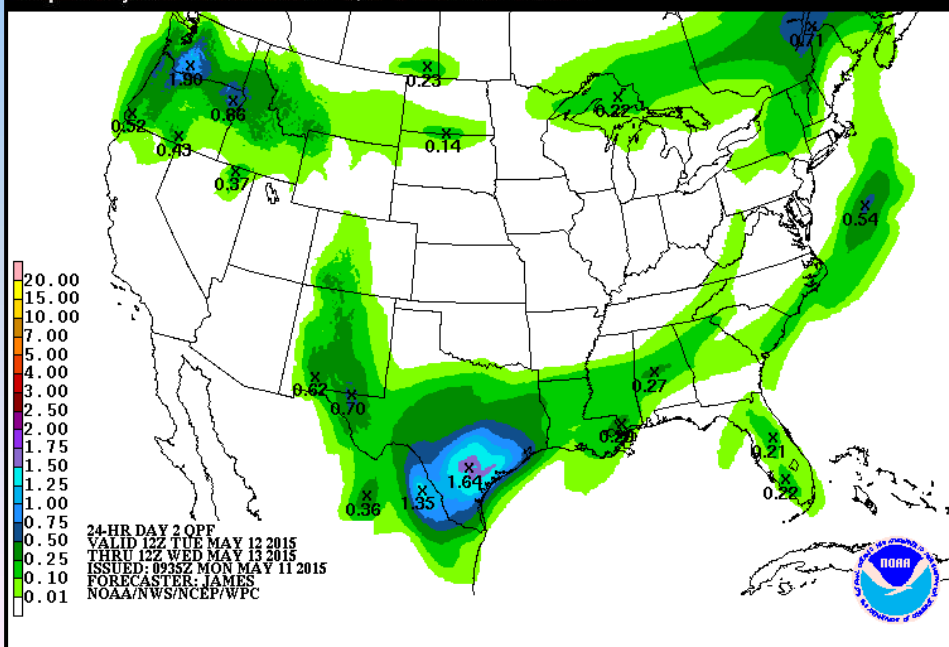
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Tue, May 12, 2015, issued 3:23 AM EDT Mon, May 11, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Hamrick based on WPC, SPC and NHC forecasts

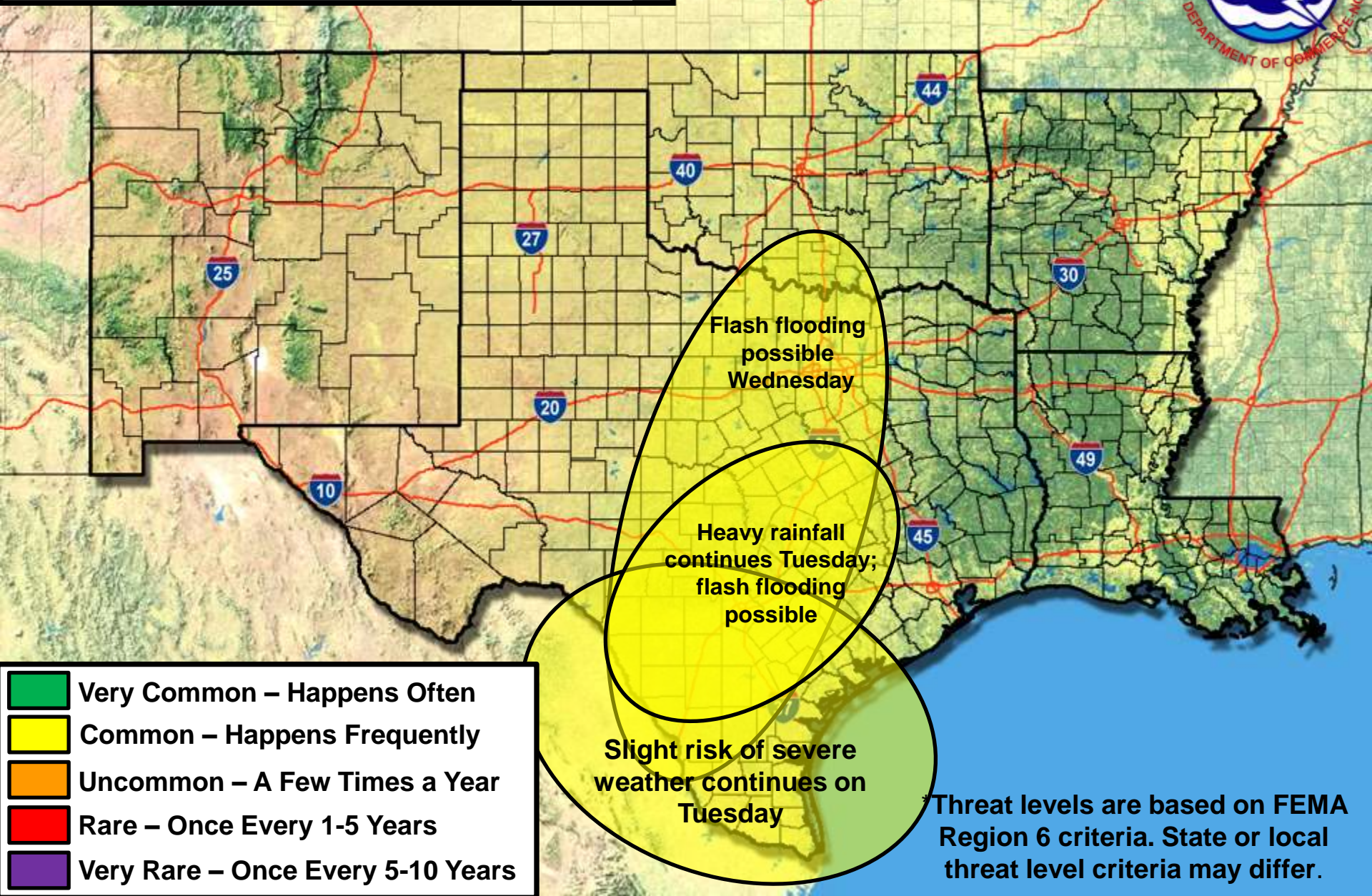


Weather Forecast for Wed, May 13, 2015, issued 3:54 AM EDT Mon, May 11, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Hamrick based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards






Valid: 0800 Tue - 0800 Thu



Flash flooding
possible
Wednesday

Heavy rainfall
continues Tuesday;
flash flooding
possible

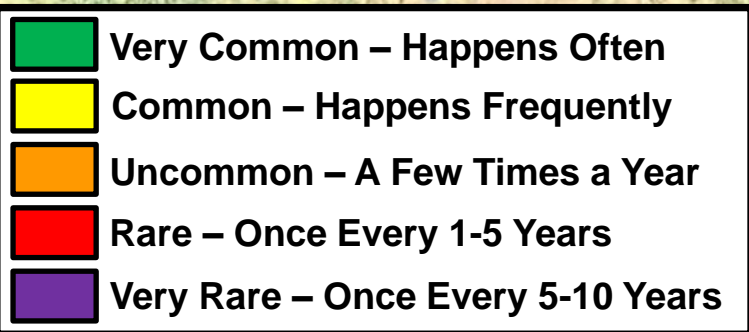
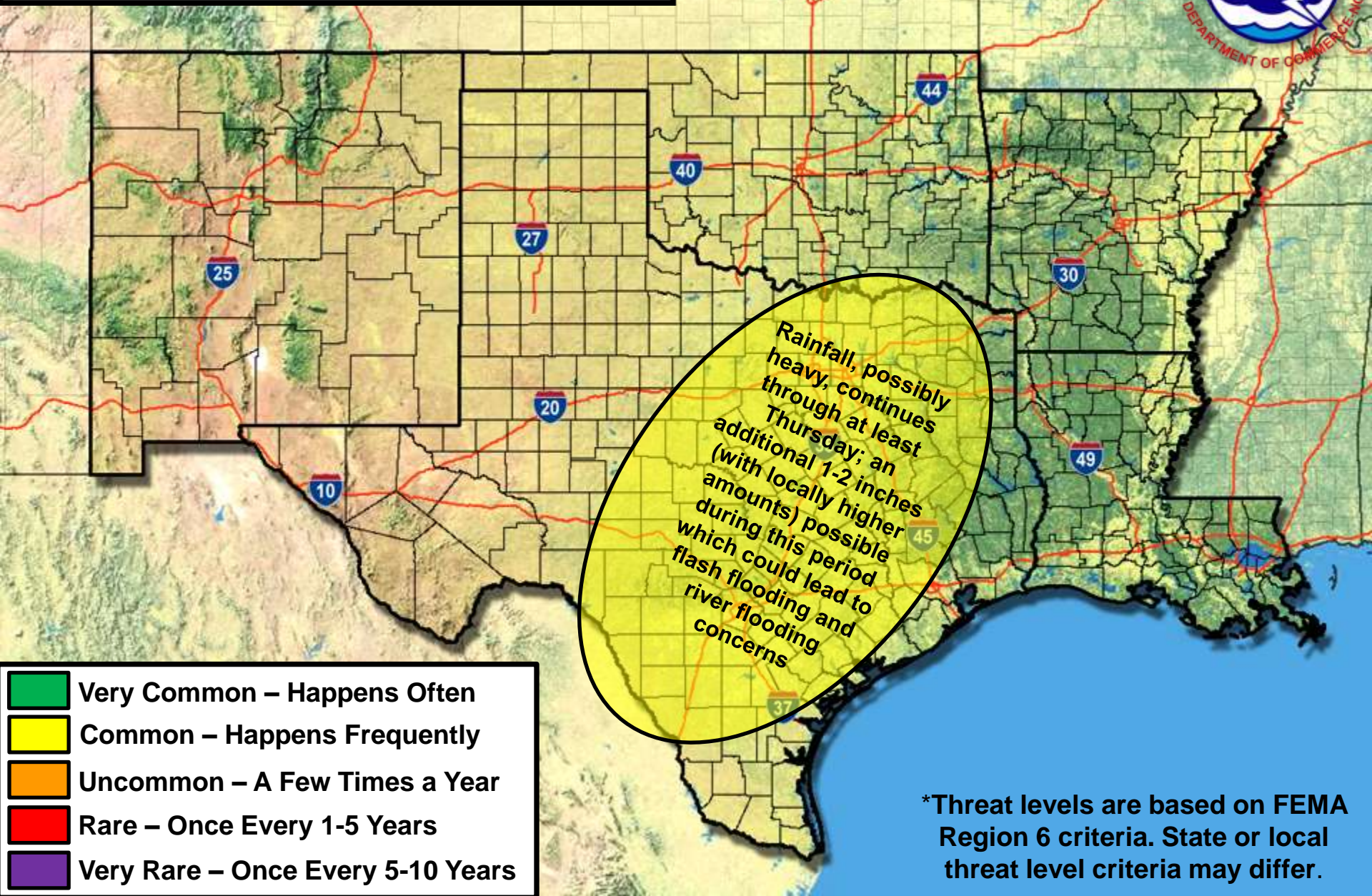
Slight risk of severe
weather continues on
Tuesday

-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

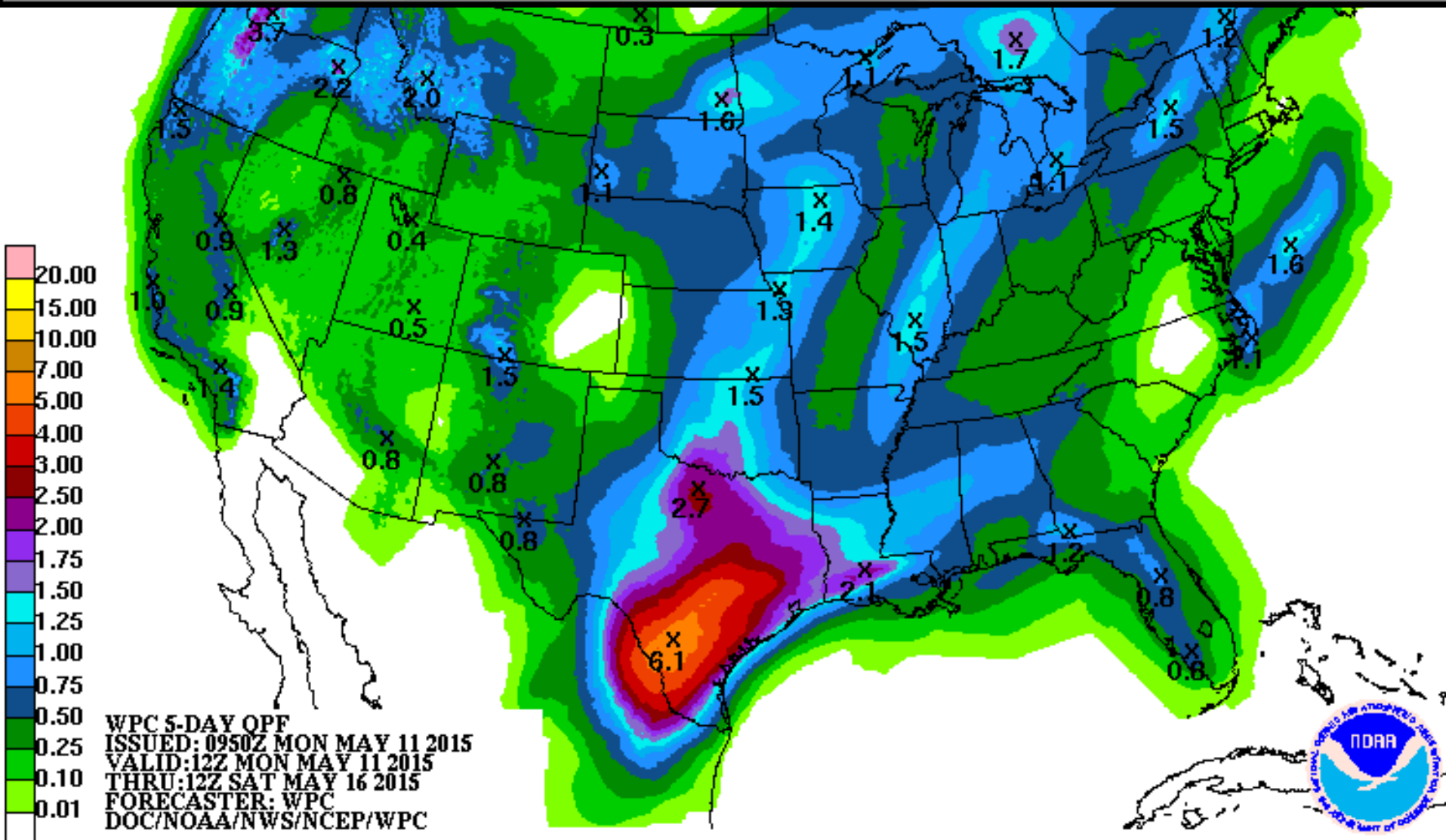
Valid: 0800 Thu - 0800 Sat



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5-Day Precipitation

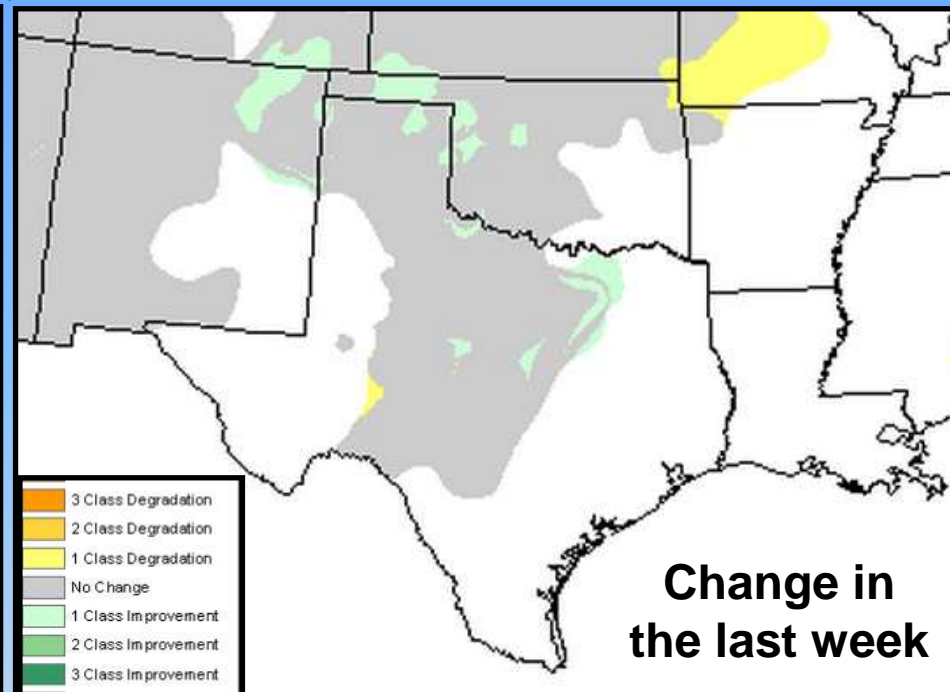
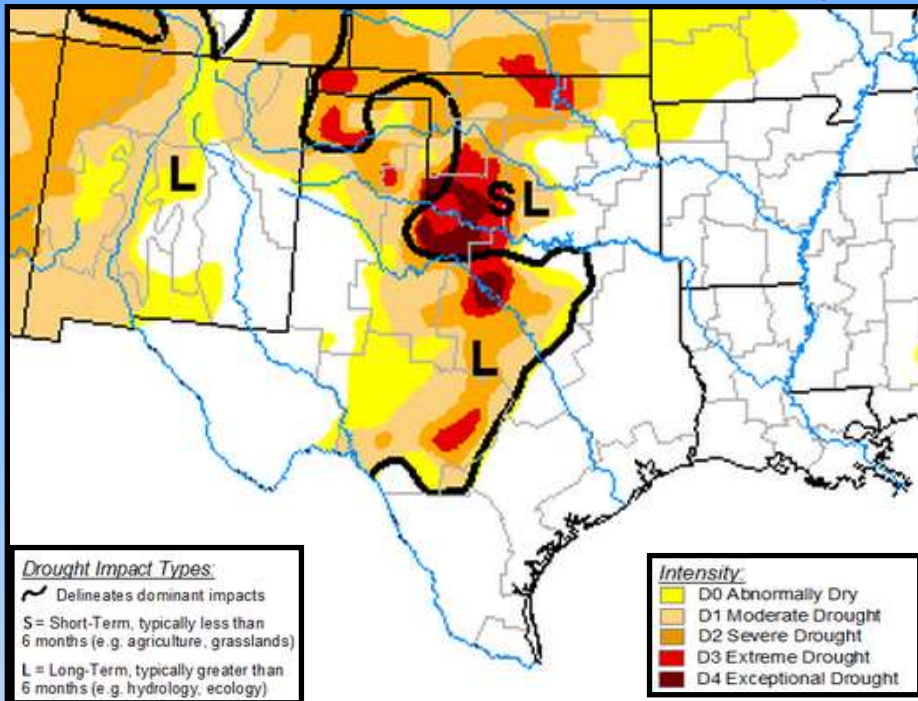
Mon AM - Sat AM





Drought Monitor Released May 7th, 2015

Data valid as of Tuesday, May 5th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	17.95%	24.34%	22.58%	48.86%
Texas	5.48%	5.57%	11.24%	46.17%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

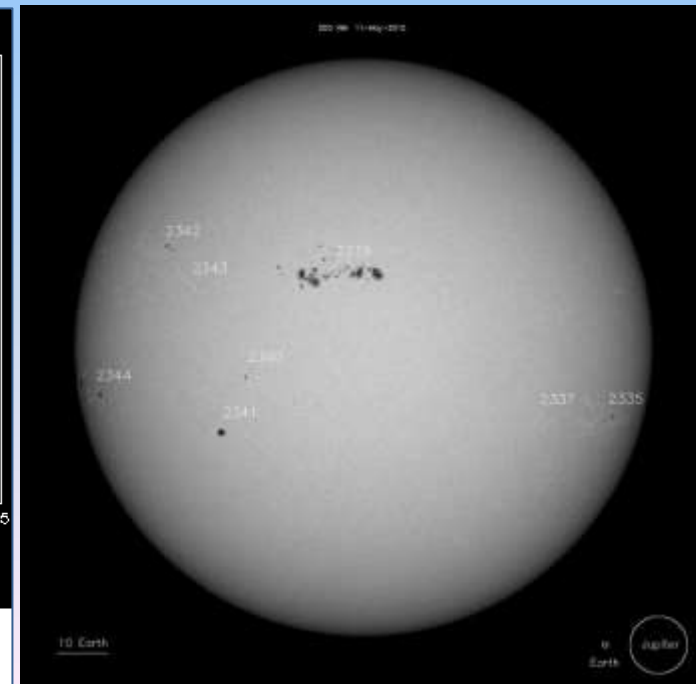
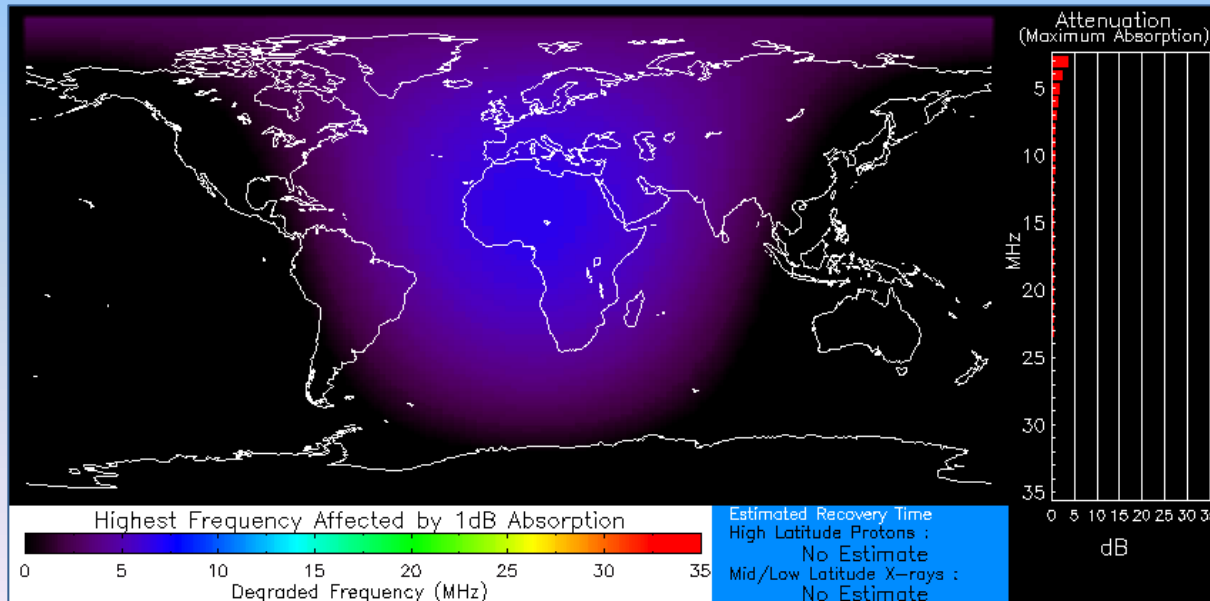
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Minor (G1) Storm (Max Kp = 5)	Active to Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



Normal X-ray Background
 Product Valid At : 2015-05-11 11:21 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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